

ITEM - CHIP SEAL COAT (With PG 64-28 TR+)

The Chip Seal Coat shall be as specified in Section 404 and 1005 of the Standard Specifications, and Contracts and Specifications Stored Specs. "404TRCHP", "404BITUM" and "1005PG".

The gradation of cover material shall meet the requirements for Class 1.

The type of bituminous material shall be PG 64-28 TR+ asphalt binder.

The application rate of the bituminous material shall be *.

The application rate of the precoated cover material shall be *.

The average elevation of the roadway for this project is X feet.

The estimated haul distance for the cover material is ** miles.

DESIGNER:

Use this item when the average project elevation is greater than 5,000 feet.

- * To be supplied by the Bituminous Engineer. The following guidelines shall be used for estimating purposes:

Condition of Pavement on which the Chip Seal Coat is to be placed.	Application Rate of Bituminous Material (Gallons per Square Yard)	Application Rate of Precoated Cover Material (Cubic Yards per Square Yard) [Pounds per Square Yard] ^φ	
		For Projects North of Interstate 40	For Projects South of Interstate 40
New Pavement	0.40	0.0075 [23.3] ^φ	0.0085 [23.0] ^φ
Existing Pavement in fair condition (some cracking and/or dryness)	0.45	0.008 [24.8] ^φ	0.009 [24.3] ^φ
Existing Pavement in poor condition (moderately cracked and/or dry)	0.50	0.0085 [26.4] ^φ	0.0095 [25.7] ^φ
^φ The application rates of precoated cover material, in pounds per square yard, are shown for information only, and are based on a unit weight of 115 pounds per cubic foot for projects north of Interstate 40, and a unit weight of 100 pounds per cubic foot for projects south of Interstate 40.			

- ** To be supplied by Geotechnical Services.